



Human ETFDH blocking peptide (CDBP1163)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ETFDH antibody
Antigen Description	This gene encodes a component of the electron-transfer system in mitochondria and is essential for electron transfer from a number of mitochondrial flavin-containing dehydrogenases to the main respiratory chain. Mutations in this gene are associated with glutaric acidemia. Alternatively spliced transcript variants that encode distinct isoforms have been observed
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ETFDH electron-transferring-flavoprotein dehydrogenase [Homo sapiens]
Official Symbol	ETFDH
Synonyms	ETFDH; electron-transferring-flavoprotein dehydrogenase; electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial; ETFQO; ETF-QO; ETF dehydrogenase; ETF-

ubiquinone oxidoreductase; electron transfer flavoprotein ubiquinone oxidoreductase; MADD;

Entrez Gene ID	2110
mRNA Refseq	NM_004453
Protein Refseq	NP_004444
UniProt ID	Q16134
Chromosome Location	4q32-q35
Pathway	Metabolism, organism-specific biosystem; Respiratory electron transport, organism-specific biosystem; Respiratory electron transport, ATP synthesis by chemiosmotic coupling, and heat production by uncoupling proteins., organism-specific biosystem; The citric acid (TCA) cycle and respiratory electron transport, organism-specific biosystem;
Function	4 iron, 4 sulfur cluster binding; electron carrier activity; electron-transferring-flavoprotein dehydrogenase activity; flavin adenine dinucleotide binding; metal ion binding; oxidoreductase activity; oxidoreductase activity, oxidizing metal ions with fla